

IFW



**PATENT APPLICATION**

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Reinhart Boerner Van Deuren S.C.

By: Antonia M. Holland  
Antonia M. Holland

Date: November 30, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GROUP ART UNIT: 1772

EXAMINER: NASSER AHMAD

In re application of: John P. )  
Downs et al. )  
)  
)  
Application No: 10/770,139 )  
)  
Filed: February 2, 2004 )  
)  
Attorney Docket No. )  
5398-CIP-CON3 )

For: THERMOPLASTIC ADHESIVE  
DISPENSING METHOD AND  
APPARATUS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

November 30, 2004

INFORMATION DISCLOSURE STATEMENT BY ATTORNEY  
REGARDING REFERENCES

12/03/2004 GWORDF1 00000026 10770139

01 FC:1806

180.00 DP

Sir:

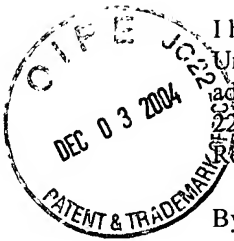
On behalf of Applicant and pursuant to 37 C.F.R. § 1.97-.98, patent references that may be relevant are listed on Form PTO/SB/08A and are hereby presented for consideration.

Copies of the two foreign references are hereby provided.

Respectfully submitted,

BY Antonia M. Holland  
Antonia M. Holland  
Attorney  
Registration No. 53,840

Reinhart Boerner Van Deuren s.c.  
Attn: Linda Gabriel, Docket Clerk  
1000 North Water Street, Suite 2100  
Milwaukee, WI 53202  
414-298-8285  
**CUSTOMER NO. 22922**



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22313-1450 on: November 30, 2004.  
Reinhart Boerner Van Deuren S.C.

## PATENT APPLICATION

By: Antonia M. Holland

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John P. Downs et al. )

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DISPENSING METHOD AND  
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Alexandria, VA 22313-1450

November 30, 2004

### TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT BEFORE MAILING DATE OF EITHER A FINAL ACTION OR NOTICE OF ALLOWANCE (37 CFR 1.97(c))

NOTE: "An information disclosure statement shall be considered by the Office if filed . . . before the mailing date of either (1) a final action under § 1.113 or (2) a notice of allowance under § 1.311, whichever occurs first, provided the statement is accompanied by either a certification as specified in paragraph (e) of this section or the fee set forth in § 1.17(p)." 37 CFR 1.97(c).

NOTE: "If a final action or notice of allowance is mailed in an application and later withdrawn, the application will be considered as not having had a final action or notice of allowance mailed for purposes of considering an information disclosure statement." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

NOTE: "If information submitted during the period set forth in 37 CFR 1.97(c) with a certification is used in a new ground of rejection on unamended claims, the next Office action will not be made final since in this situation it is clear that applicant has submitted the information to the office promptly after it has become known and the information is being submitted prior to a final determination on patentability by the Office. However,

*the information submitted with a certification can be used in a new ground of rejection and the next Office action made final, [i]f the new ground of rejection was necessitated by amendment of the application by applicant. Where the information is submitted during this period with a fee, the examiner may use the information submitted, e.g., printed publication or evidence of public use, and make the next Office action final whether or not the claims have been amended, provided that no other new ground of rejection which was not necessitated by amendment to the claims is introduced by the examiner. See MPEP 706.07(a). If a new ground of rejection is introduced that is neither necessitated by an amendment to the claims nor based on the information submitted with the fee set forth in 37 CFR 1.17(p), the Office action shall not be made final." Notice of April 20, 1992 (1138 O.G. 37-41, 39).*

**WARNING:** *"A petition for suspension of action to allow applicant time to submit an information disclosure statement will be denied as failing to present good and sufficient reasons, since 37 CFR 1.97 provides adequate recourse for the timely submission of prior art for consideration by the examiner." Notice of July 6, 1992 (1141 O.G. 63).*

### **TIME OF TRANSMITTAL OF ACCOMPANYING INFORMATION DISCLOSURE STATEMENT**

1. The information disclosure statement transmitted herewith is being filed *after* three months of the filing date of this national application or the date of entry of the national stage as set forth in § 1.491 in an international application or after the mailing date of the first Office action on the merits, whichever event occurred last but *before* the mailing date of either:
  - (1) a final action under § 1.113 or
  - (2) a notice of allowance under § 1.311,whichever occurs first.

### **CERTIFICATION OR FEE**

2. Accompanying this transmittal is

*(check either A or B below)*

- A. ☐ a certification as specified in 37 CFR 1.97(e)

**OR**

- B. ☒ the fee set forth in 37 CFR 1.17(p) for submission of an information disclosure statement under § 1.97(c). (\$180.00).

### **FEE PAYMENT**

*(complete this item, if applicable)*

3. Applicant elects the option to pay the fee set forth in 37 CFR 1.17(p) for submission of an information disclosure statement under § 1.97(c) (\$180.00).

Fee due \$180.00

**METHOD OF PAYMENT OF FEE**

4.     ☒     Attached is a check in the amount of \$ 180.00 .  
      ☐     Charge Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.

A duplicate of this request is attached.

If any additional fees are due, please charge Account \_\_\_\_\_

BY Antonia M. Holland

Antonia M. Holland

Attorney/Agent for Applicant

Registration No. 53,840

Reinhart Boerner Van Deuren s.c.

1000 North Water Street

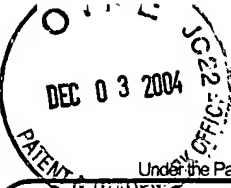
Suite 2100

Milwaukee, WI 53202

414 298-8285

Customer Number 22922

DEC 03 2004



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/770,139
Filing Date	02/02/2004
First Named Inventor	John P. Downs
Art Unit	1772
Examiner Name	Nasser Ahmad
Attorney Docket Number	5398-CIP-CON3

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		2,373,092	04/10/1945	Avery	
		2,754,994	07/17/1956	Cole	
		2,838,171	06/10/1958	Kaspar	
		2,912,140	11/10/1959	Cole	
		3,225,916	12/28/1965	Field, et al.	
		3,239,403	03/08/1966	Williams, et al.	
		3,267,623	08/23/1966	Block	
		3,308,002	03/07/1967	Bremer et al.	
		3,464,883	09/02/1969	Moline, et al.	
		3,582,438	06/01/1971	Harbour	
		3,619,324	11/09/1971	Sato, et al.	
		3,736,281	05/29/1973	Russell	
		3,741,486	06/26/1973	Kawamatu	
		3,741,786	06/26/1973	Torrey	
		3,881,041	04/29, 1975	Glienke	
		3,969,181	07/13/1976	Seabold	
		3,997,702	12/14/1976	Schurb, et al.	
		4,002,794	01/11/1977	Schwarcz	
		4,100,852	07/18/1978	Hamisch, Jr.	
		4,116,746	09/26/1978	Hamisch, Jr.	
		4,211,805	07/08/1980	Chamberlin	
		4,294,357	10/13/1981	Stevens, et al.	
		4,387,831	06/14/1983	McNally	
		4,440,830	04/03/1984	Wempe	
		4,452,667	06/05/1984	Chang	
		4,537,934	08/27/1985	Fock, et al.	
		4,562,102	12/31/1985	Rabuse et al.	
		4,699,685	10/13/1987	Sato	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		GB2,361,442	10/24/2001	Fantas Tak Ltd.		
		EP1445226 A3	09/15/2004	Glue Dots Intl., Inc.		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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MW\146769AMH:DMM 11/24/04

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2

of 2

**Complete if Known**

Application Number	10/770,139
Filing Date	02/02/2004
First Named Inventor	John P. Downs
Art Unit	1772
Examiner Name	Nasser Ahmad
Attorney Docket Number	5398-CIP-CON3

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		4,804,437	02/14/1989	Tirtoprodjo, et al.	
		4,820,446	04/11/1989	Prud'Homme	
		4,822,687	04/18/1989	Kessel, et al.	
		4,959,008	09/25/1990	Wasulko	
		4,961,804	10/09/1990	Aurichio	
		4,977,006	12/11/1990	Smith, et al.	
		5,049,434	09/17/1991	Wasulko	
		5,202,169	04/13/1993	Spendlove	
		5,254,206	10/19/1993	Wing	
		5,316,613	05/31/1994	Samuelson et al.	
		5,344,681	09/06/1994	Calhoun, et al.	
		5,456,792	10/10/1995	Rodriguez, et al.	
		5,489,453	02/06/1996	Friesch	
		5,683,545	11/04/1997	Goodwin, et al.	
		5,779,852	07/14/1998	Haney, et al.	
		5,875,715	03/02/1999	Hamisch, Jr., et al.	
		5,906,443	05/25/1999	Goodwin, et al.	
		5,910,227	06/08/1999	Mistyurik, et al.	
		5,934,189	08/10/1999	Mistyurik, et al.	
		5,935,670	08/10/1999	Downs	
		5,988,249	11/23/1999	Mistyurik, et al.	
		6,102,098	08/15/2000	Randazzo	
		6,230,780	05/15/2001	Rietheimer	
		6,319,442	11/20/2001	Downs	
		6,433,055	08/13/2002	Kleyer, et al.	
		6,640,864	11/04/2003	Downs	
		6,686,016	02/03/2004	Downs	

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Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/770,139	
	Filing Date	02/02/2004	
	First Named Inventor	John P. Downs	
	Art Unit	1772	
	Examiner Name	Nasser Ahmad	
Total Number of Pages in This Submission		Attorney Docket Number	5398-CIP-CON3

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Transmittal of IDS Before Mailing Date of Final Office Action or Before Notice of Allowance Copies of Foreign Patent References
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm	Reinhart Boerner Van Deuren s.c.		
Signature	<i>Antonia M. Holland</i>		
Printed Name	Antonia M. Holland		
Date	November 30, 2004	Reg. No.	53,840

**CERTIFICATE OF TRANSMISSION/MAILING**

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Signature	<i>Antonia M. Holland</i>		
Typed or printed name	Antonia M. Holland	Date	November 30, 2004

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# FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 180.00

Complete if Known

Application Number	10/770,139
Filing Date	02/02/2004
First Named Inventor	John P. Downs
Examiner Name	Nasser Ahmad
Art Unit	1772
Attorney Docket No.	5398-CIP-CON3

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money ☐ Other ☐ None  
Order

☐ Deposit Account:

Deposit  
Account  
Number

18-0882

Deposit  
Account  
Name

Reinhart Boerner Van Deuren s.c.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments  
☒ Charge any additional fee(s) or any underpayment of fee(s) except  
for the issue fee  
☐ Charge fee(s) indicated below, except for the filing fee  
to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$ ) 0

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		-20 **	=	0	X		=	0
Independent Claims		-3 **	=	0	X		=	0
Multiple Dependent					X		=	0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	88	2201	44	Independent claims in excess of 3
1203	300	2203	150	Multiple dependent claim, if not paid
1204	88	2204	44	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ ) 0

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ ) 180.00

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Antonia M. Holland	Registration No. (Attorney/Agent)	53,840	Telephone	414-298-8285
Signature				Date	November 30, 2004

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2. MW1146948